

CLAIMS

1. A folder type mobile phone in which a first case having a transmission microphone and a second case having a receiver are coupled to each other so as to be opened and closed freely, the folder type mobile phone, comprising:

5 a speaker, which is provided at a portion of the second case which is exposed when the first case and the second case are closed;

a volume variable unit which adjusts a sounding volume of the speaker to a level substantially same as a sounding volume of the receiver; and

10 a switching unit which switches setting functions so that a first function for communicating by using the transmission microphone and the receiver is set in a case of communicating at a state that the first case and the second case are opened to each other, and a second function for communicating by using the transmission microphone and the speaker is set such that the sounding volume of the speaker is adjusted to the level substantially same as the

15 sounding volume of the receiver by the volume variable unit in a case of communicating at a state that the first case and the second case are closed to each other.

2. A folder type mobile phone in which a first case having a transmission microphone and a second case having a receiver are coupled to each other so as to be opened and closed freely, the folder type mobile phone, comprising:

20 a speaker which is provided at a portion of the second case which is exposed when the first case and the second case are closed;

25 a volume variable unit which adjusts a sounding volume of the speaker to a level substantially same as a sounding volume of the receiver;

a first button, which has a function of a first communication starting operation unit, and provided at a portion which is not exposed when the first case and the second case are closed but exposed in an opened state of the first case and the second case;

- 5 a second button having a function of a second communication starting operation unit and provided at a portion which is exposed when the first case and the second case are closed; and

a switching unit, which switch setting functions so that a first function for communicating by using the transmission microphone and the receiver is set
10 in a case of starting communicating by operating the first button, and a second function for communicating by using the transmission microphone and the speaker is set such that the sounding volume of the speaker is adjusted to the level substantially same as the sounding volume of the receiver by the volume variable unit in a case of starting communicating by operating the second
15 button.

3. The folder type mobile phone according to claim 1 or 2, wherein the transmission microphone is provided at a portion of the first case which is away from a coupling portion of the first and second cases and exposed when the first
20 case and the second case are closed; and

wherein the receiver is provided at a portion of the second case which is away from the coupling portion and covered by the first case when the first case and the second case are closed.

- 25 4. The folder type mobile phone according to claim 1 or 2, wherein the

switching unit switches to the first function when the first case and the second case are opened to each other in a state that the second function is set.

5. The folder type mobile phone according to claim 1 or 2, wherein the switching unit switches to the second function when the first case and the second case are closed to each other in a state that the first function is set.

6. The folder type mobile phone according to one of claims 2 to 5, wherein the second button has a function of a first communication terminating operation unit for terminating the communication when the second button is operated during communication.

7. The folder type mobile phone according to one of claims 2 to 5, wherein the second button has a function of a second communication terminating operation unit for terminating the communication when the second button is continuously operated for a predetermined time period during communication.

8. The folder type mobile phone according to one of claims 2 to 7, wherein the second button is disposed within a recess portion formed at an outer face of at least one of the first case and the second case.

9. A folder type mobile phone in which a first case and a second case are coupled to each other so as to be opened and closed freely, the folder type mobile phone, comprising:

a speaker, which is provided at a portion of the first and second cases which is exposed when the first case and the second case are closed;

a switching unit, which switches the speaker so that the speaker is available as a receiver at a time of communication; and

5 an adjusting unit, which adjusts a sounding volume of the speaker to a lower level than a sounding volume at a time of an incoming call in a state of available to use the speaker as the receiver.